

PubMed Nucleotide OMIM Protein Structure **PMC** Journals 800 Search PubMed for neural AND neuronal AND review AND stem cell Go Clear Limits Preview/Index History Clipboard Details About Entrez Display Summary Show: 500 Sort Send to Text Items 1-122 of 122 One page. Text Version 1: Cataudella T, Conti L, Cattaneo E. Related Articles, Links Entrez PubMed Neural stem and progenitor cells: choosing the right Shc. Overview Prog Brain Res. 2004;146:127-33. Review. Help | FAQ PMID: 14699961 [PubMed - indexed for MEDLINE] Tutorial New/Noteworthy 2: Sugaya K. E-Utilities Related Articles, Links Potential use of stem cells in neuroreplacement therapies for **PubMed Services** neurodegenerative diseases. Journals Database Int Rev Cytol. 2003;228:1-30. Review. MeSH Database Single Citation Matcher PMID: 14667041 [PubMed - indexed for MEDLINE] Batch Citation Matcher **3:** Young HE. Clinical Queries Related Articles, Links LinkOut Existence of reserve quiescent stem cells in adults, from amphibians to Cubby humans. Related Resources Curr Top Microbiol Immunol. 2004;280:71-109. Review. PMID: 14594208 [PubMed - indexed for MEDLINE] Order Documents **NLM Gateway** 4: Goldman S. TOXNET Related Articles, Links Consumer Health Glia as neural progenitor cells. Clinical Alerts Trends Neurosci. 2003 Nov;26(11):590-6. Review. ClinicalTrials.gov PMID: 14585598 [PubMed - indexed for MEDLINE] PubMed Central 5: Gotz M. Privacy Policy Related Articles, Links Glial cells generate neurons-master control within CNS regions: developmental perspectives on neural stem cells. Neuroscientist. 2003 Oct;9(5):379-97. Review. PMID: 14580122 [PubMed - indexed for MEDLINE] 6: Dazert S, Aletsee C, Brors D, Sudhoff H, Ryan AF, Muller AM. Related Articles, Links Regeneration of inner ear cells from stem cell precursors--a future concept of hearing rehabilitation? DNA Cell Biol. 2003 Sep;22(9):565-70. Review. PMID: 14577909 [PubMed - indexed for MEDLINE] 7: Sugava K. Related Articles, Links Neuroreplacement therapy and stem cell biology under disease conditions. Cell Mol Life Sci. 2003 Sep;60(9):1891-902. Review. PMID: 14523550 [PubMed - indexed for MEDLINE] 8: Stegmuller J, Schneider S, Hellwig A, Garwood J, Trotter J. Related Articles, Links AN2, the mouse homologue of NG2, is a surface antigen on glial precursor cells implicated in control of cell migration. J Neurocytol. 2002 Jul-Aug;31(6-7):497-505. Review.

PMID: 14501219 [PubMed - indexed for MEDLINE]

9: Parent JM.

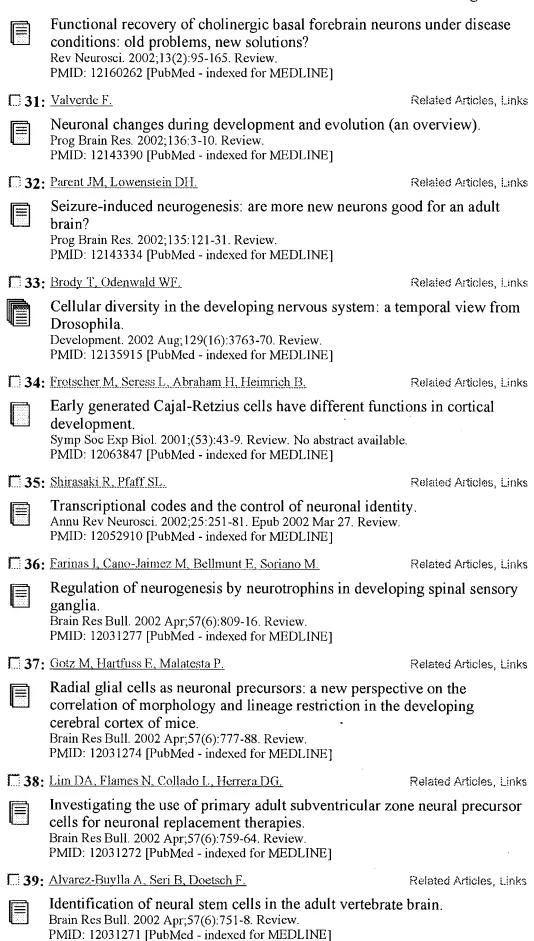
	Injury-induced neurogenesis in the adult mammalian brai Neuroscientist. 2003 Aug;9(4):261-72. Review. PMID: 12934709 [PubMed - indexed for MEDLINE]	n.
□ 10	: Arlotta P, Magavi SS, Macklis JD.	Related Articles, Links
	Induction of adult neurogenesis: molecular manipulation precursors in situ. Ann N Y Acad Sci. 2003 Jun;991:229-36. Review. PMID: 12846990 [PubMed - indexed for MEDLINE]	of neural
□ 11	Grimby G, Eriksson P, Nilsson M, Sjolund B.	Related Articles, Links
	[Neurobiology provides a scientific foundation for rehabition an international symposium] Lakartidningen. 2003 Jun 5;100(23):2052-5. Review. Swedish. PMID: 12833741 [PubMed - indexed for MEDLINE]	ilitation. Report
□ 12	: Gibbs SM.	Related Articles, Links
	Regulation of neuronal proliferation and differentiation Mol Neurobiol. 2003 Apr;27(2):107-20. Review. PMID: 12777682 [PubMed - indexed for MEDLINE]	by nitric oxide.
1 3	: Morest DK, Silver J.	Related Articles, Links
	Precursors of neurons, neuroglia, and ependymal cells in are they? Where are they from? How do they get where Glia. 2003 Jul;43(1):6-18. Review. PMID: 12761861 [PubMed - indexed for MEDLINE]	the CNS: what they are going?
1 4	: Liu CY, Apuzzo ML, Tirrell DA.	Related Articles, Links
	Engineering of the extracellular matrix: working toward programming and neurorestorationconcept and progress Neurosurgery. 2003 May;52(5):1154-65; discussion 1165-7. Review PMID: 12699561 [PubMed - indexed for MEDLINE]	s report.
□ 15	: Kokaia Z, Lindvall O.	Related Articles, Links
	Neurogenesis after ischaemic brain insults. Curr Opin Neurobiol. 2003 Feb;13(1):127-32. Review. PMID: 12593991 [PubMed - indexed for MEDLINE]	
□ 16	: Helms AW, Johnson JE.	Related Articles, Links
	Specification of dorsal spinal cord interneurons. Curr Opin Neurobiol. 2003 Feb;13(1):42-9. Review. PMID: 12593981 [PubMed - indexed for MEDLINE]	
□ 17	Bally-Cuif L, Hammerschmidt M.	Related Articles, Links
	Induction and patterning of neuronal development, and i cell cycle control.	ts connection to
	Curr Opin Neurobiol. 2003 Feb;13(1):16-25. Review. PMID: 12593978 [PubMed - indexed for MEDLINE]	
		Related Articles, Links
	PMID: 12593978 [PubMed - indexed for MEDLINE]	Related Articles, Links
	PMID: 12593978 [PubMed - indexed for MEDLINE] Kurihara H. Shinohara H. Yoshino H. Takeda K. Shiba H. Neurotrophins in cultured cells from periodontal tissues. J Periodontol. 2003 Jan;74(1):76-84. Review.	Related Articles, Links Related Articles, Links

PMID: 12585678 [PubMed - indexed for MEDLINE]

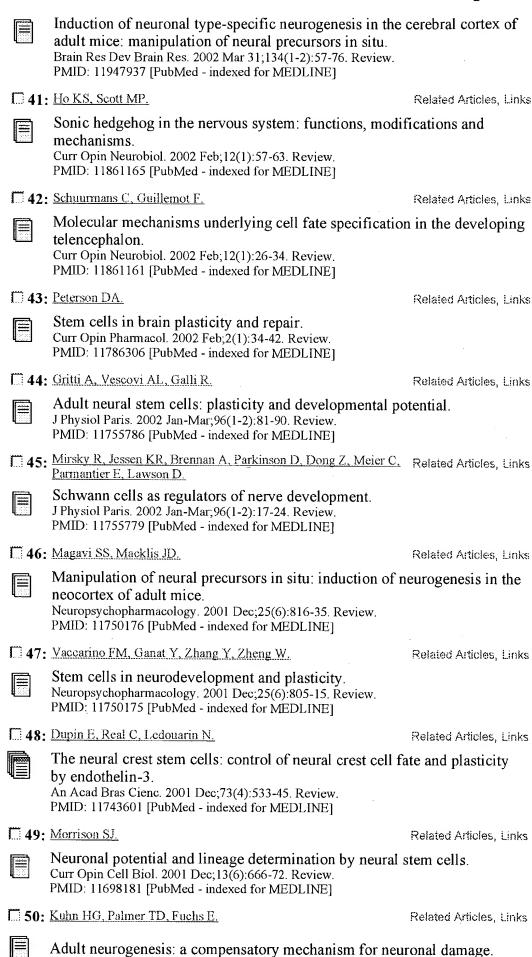
20: Chernoff EA, Stocum DL, Nye HL, Cameron JA Related Articles, Links Urodele spinal cord regeneration and related processes. Dev Dyn. 2003 Feb;226(2):295-307. Review. PMID: 12557207 [PubMed - indexed for MEDLINE] 21: Arlotta P, Magavi SS, Macklis JD. Related Articles, Links Molecular manipulation of neural precursors in situ: induction of adult cortical neurogenesis. Exp Gerontol. 2003 Jan-Feb;38(1-2):173-82. Review. PMID: 12543275 [PubMed - indexed for MEDLINE] 22: Hamasaki T, Goto S, Nishikawa S, Ushio Y. Related Articles, Links Neuronal cell migration for the developmental formation of the mammalian striatum. Brain Res Brain Res Rev. 2003 Jan;41(1):1-12. Review. PMID: 12505644 [PubMed - indexed for MEDLINE] 23: Li L, Liu F, Ross AH. Related Articles, Links PTEN regulation of neural development and CNS stem cells. J Cell Biochem. 2003 Jan 1;88(1):24-8. Review. PMID: 12461771 [PubMed - indexed for MEDLINE] ☐ 24: <u>Katoh M</u> Related Articles, Links Regulation of WNT signaling molecules by retinoic acid during neuronal differentiation in NT2 cells: threshold model of WNT action (review). Int J Mol Med. 2002 Dec;10(6):683-7. Review. PMID: 12429992 [PubMed - indexed for MEDLINE] ☐ **25**: Sasai Y. Related Articles, Links Generation of dopaminergic neurons from embryonic stem cells. J Neurol. 2002 Sep;249 Suppl 2:II41-4. Review. PMID: 12375063 [PubMed - indexed for MEDLINE] **26:** Okano H. Related Articles, Links Neural stem cells: progression of basic research and perspective for clinical application. Keio J Med. 2002 Sep;51(3):115-28. Review. PMID: 12371642 [PubMed - indexed for MEDLINE] **27**: Okano H. Related Articles, Links [Neural stem cells: the basic biology and prospects for brain repair] Rinsho Shinkeigaku. 2001 Dec;41(12):1036-40. Japanese. PMID: 12235790 [PubMed - indexed for MEDLINE] **28**: Galvin KA, Jones DG. Related Articles, Links Adult human neural stem cells for cell-replacement therapies in the central nervous system. Med J Aust. 2002 Sep 16;177(6):316-8. Review. PMID: 12225280 [PubMed - indexed for MEDLINE] 29: Okano H. Related Articles, Links Stem cell biology of the central nervous system. J Neurosci Res. 2002 Sep 15;69(6):698-707. Review. PMID: 12205662 [PubMed - indexed for MEDLINE]

1 30: Hartig W. Bauer A, Brauer K, Grosche J, Hortobagyi T, Penke B. Related Articles, Links

Schliebs R, Harkany T.



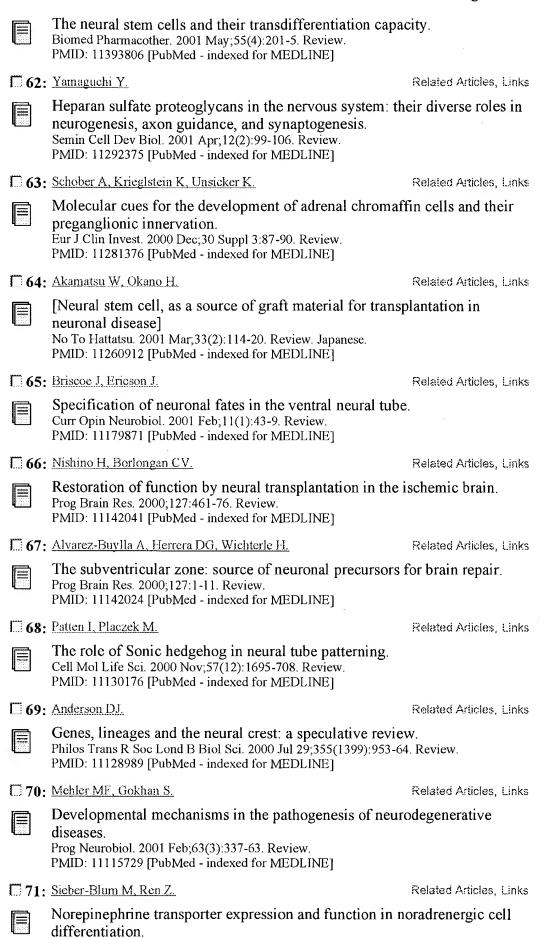
40: Magavi SS, Macklis JD.



Eur Arch Psychiatry Clin Neurosci. 2001 Aug;251(4):152-8. Review.

PMID: 11697579 [PubMed - indexed for MEDLINE] 51: Lee SK, Pfaff SL. Related Articles, Links Transcriptional networks regulating neuronal identity in the developing spinal cord. Nat Neurosci. 2001 Nov;4 Suppl:1183-91. Review. PMID: 11687828 [PubMed - indexed for MEDLINE] 52: <u>Jones BW.</u> Related Articles, Links Glial cell development in the Drosophila embryo. Bioessays. 2001 Oct;23(10):877-87. Review. PMID: 11598955 [PubMed - indexed for MEDLINE] 53: Price J. Williams BP. Related Articles, Links Neural stem cells. Curr Opin Neurobiol. 2001 Oct;11(5):564-7. Review. PMID: 11595489 [PubMed - indexed for MEDLINE] 54: Burton EA, Wechuck JB, Wendell SK, Goins WF, Fink DJ. Related Articles, Links Glorioso JC. Multiple applications for replication-defective herpes simplex virus vectors. Stem Cells. 2001;19(5):358-77. Review. PMID: 11553845 [PubMed - indexed for MEDLINE] 55: Nguyen L, Rigo JM, Rocher V, Belachew S, Malgrange B, Related Articles, Links Rogister B, Leprince P, Moonen G. Neurotransmitters as early signals for central nervous system development. Cell Tissue Res. 2001 Aug;305(2):187-202. Review. PMID: 11545256 [PubMed - indexed for MEDLINE] 56: Guan K, Chang H, Rolletschek A, Wobus AM. Related Articles, Links Embryonic stem cell-derived neurogenesis. Retinoic acid induction and lineage selection of neuronal cells. Cell Tissue Res. 2001 Aug;305(2):171-6. Review. PMID: 11545254 [PubMed - indexed for MEDLINE] ☐ 57: Sela B. Related Articles, Links The revolution of stem cells: bone marrow cells, neural cells and muscle cells are intercovertible? Harefuah. 2001 Jul;140(7):628-31, 677. Review. Hebrew. PMID: 11481968 [PubMed - indexed for MEDLINE] 58: Gokhan S, Mehler MF. Related Articles, Links Basic and clinical neuroscience applications of embryonic stem cells. Anat Rec. 2001 Jun 15;265(3):142-56. Review. PMID: 11458329 [PubMed - indexed for MEDLINE] 59: Ferguson KL, Slack RS. Related Articles, Links The Rb pathway in neurogenesis. Neuroreport. 2001 Jul 3;12(9):A55-62. Review. PMID: 11435948 [PubMed - indexed for MEDLINE] 60: Singh G. Related Articles, Links Sources of neuronal material for implantation. Neuropathology. 2001 Jun;21(2):110-4. Review. PMID: 11396675 [PubMed - indexed for MEDLINE]

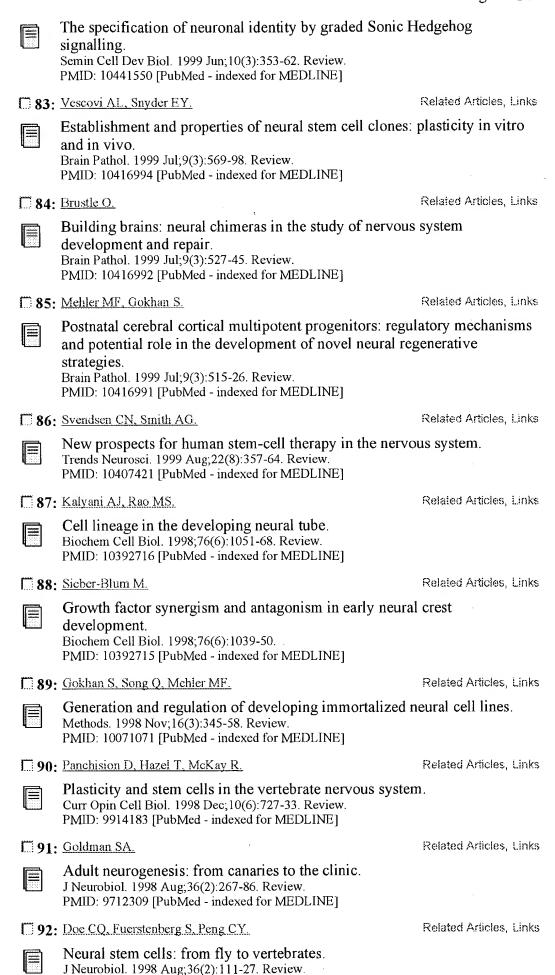
61: Vescovi AL, Galli R, Gritti A.



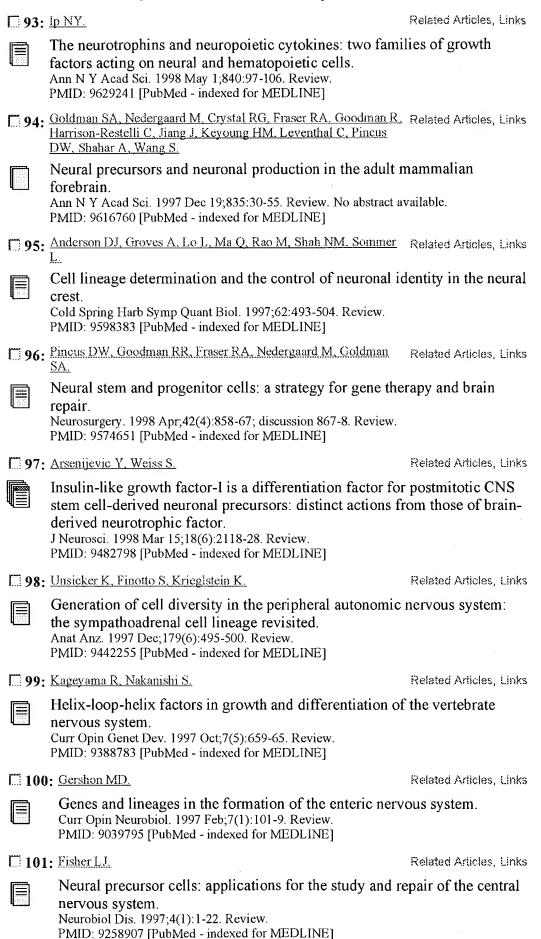
Mol Cell Biochem. 2000 Sep;212(1-2):61-70. PMID: 11108137 [PubMed - indexed for MEDLINE]

□ 72	: Lee VM, Hartley RS, Trojanowski JQ.	Related Articles, Links
at (1)	Neurobiology of human neurons (NT2N) grafted into m implications for improving therapy of spinal cord injury Prog Brain Res. 2000;128:299-307. Review. PMID: 11105689 [PubMed - indexed for MEDLINE]	_
□ 73	: Abe K.	Related Articles, Links
	Therapeutic potential of neurotrophic factors and neural ischemic brain injury. J Cereb Blood Flow Metab. 2000 Oct;20(10):1393-408. Review. PMID: 11043902 [PubMed - indexed for MEDLINE]	stem cells against
□ 74	: Dorsky RI, Moon RT, Raible DW.	Related Articles, Links
	Environmental signals and cell fate specification in prercrest. Bioessays. 2000 Aug;22(8):708-16. Review. PMID: 10918301 [PubMed - indexed for MEDLINE]	nigratory neural
□ 75	: Okano H.	Related Articles, Links
	[Neural stem cells: the basic biology and prospects for by Nihon Shinkei Seishin Yakurigaku Zasshi. 2000 Feb;20(1):21-6. R PMID: 10890020 [PubMed - indexed for MEDLINE]	orain repair] eview. Japanese.
□ 76	: Yoshikawa K.	Related Articles, Links
	Cell cycle regulators in neural stem cells and postmitotic Neurosci Res. 2000 May;37(1):1-14. Review. PMID: 10802339 [PubMed - indexed for MEDLINE]	c neurons.
□ 77	: Perron M, Harris WA.	Related Articles, Links
□ 77 ■	Perron M, Harris WA. Determination of vertebrate retinal progenitor cell fate by pathway and basic helix-loop-helix transcription factors Cell Mol Life Sci. 2000 Feb;57(2):215-23. Review. PMID: 10766018 [PubMed - indexed for MEDLINE]	y the Notch
	Determination of vertebrate retinal progenitor cell fate by pathway and basic helix-loop-helix transcription factors Cell Mol Life Sci. 2000 Feb;57(2):215-23. Review.	y the Notch
	Determination of vertebrate retinal progenitor cell fate by pathway and basic helix-loop-helix transcription factors Cell Mol Life Sci. 2000 Feb;57(2):215-23. Review. PMID: 10766018 [PubMed - indexed for MEDLINE]	y the Notch Related Articles, Links
☐ 78 ☐	Determination of vertebrate retinal progenitor cell fate by pathway and basic helix-loop-helix transcription factors Cell Mol Life Sci. 2000 Feb;57(2):215-23. Review. PMID: 10766018 [PubMed - indexed for MEDLINE] : Rogister B, Ben-Hur T, Dubois-Dalcq M. From neural stem cells to myelinating oligodendrocytes Mol Cell Neurosci. 1999 Oct-Nov;14(4-5):287-300. Review.	y the Notch Related Articles, Links
☐ 78 ☐	Determination of vertebrate retinal progenitor cell fate by pathway and basic helix-loop-helix transcription factors Cell Mol Life Sci. 2000 Feb;57(2):215-23. Review. PMID: 10766018 [PubMed - indexed for MEDLINE] : Rogister B, Ben-Hur T, Dubois-Daicq M. From neural stem cells to myelinating oligodendrocytes Mol Cell Neurosci. 1999 Oct-Nov;14(4-5):287-300. Review. PMID: 10588385 [PubMed - indexed for MEDLINE]	Related Articles, Links Related Articles, Links
☐ 78 ☐ 79	Determination of vertebrate retinal progenitor cell fate by pathway and basic helix-loop-helix transcription factors Cell Mol Life Sci. 2000 Feb;57(2):215-23. Review. PMID: 10766018 [PubMed - indexed for MEDLINE] Rogister B, Ben-Hur T, Dubois-Daicq M. From neural stem cells to myelinating oligodendrocytes Mol Cell Neurosci. 1999 Oct-Nov;14(4-5):287-300. Review. PMID: 10588385 [PubMed - indexed for MEDLINE] Sanders KM, Ordog T, Koh SD, Torihashi S, Ward SM. Development and plasticity of interstitial cells of Cajal. Neurogastroenterol Motil. 1999 Oct;11(5):311-38. Review. Erratur Neurogastroenterol Motil 2001 Feb;13(1):109.	Related Articles, Links Related Articles, Links
☐ 78 ☐ 79	Determination of vertebrate retinal progenitor cell fate to pathway and basic helix-loop-helix transcription factors Cell Mol Life Sci. 2000 Feb;57(2):215-23. Review. PMID: 10766018 [PubMed - indexed for MEDLINE] : Rogister B, Ben-Hur T, Dubois-Dalcq M. From neural stem cells to myelinating oligodendrocytes Mol Cell Neurosci. 1999 Oct-Nov;14(4-5):287-300. Review. PMID: 10588385 [PubMed - indexed for MEDLINE] : Sanders KM, Ordog T, Koh SD, Torihashi S, Ward SM. Development and plasticity of interstitial cells of Cajal. Neurogastroenterol Motil. 1999 Oct;11(5):311-38. Review. Erratum Neurogastroenterol Motil 2001 Feb;13(1):109. PMID: 10520164 [PubMed - indexed for MEDLINE]	Related Articles, Links Related Articles, Links in in: Related Articles, Links tation with the use
☐ 78 ☐ 79 ☐ 80	Determination of vertebrate retinal progenitor cell fate to pathway and basic helix-loop-helix transcription factors Cell Mol Life Sci. 2000 Feb;57(2):215-23. Review. PMID: 10766018 [PubMed - indexed for MEDLINE] : Rogister B, Ben-Hur T, Dubois-Dalcq M. From neural stem cells to myelinating oligodendrocytes Mol Cell Neurosci. 1999 Oct-Nov;14(4-5):287-300. Review. PMID: 10588385 [PubMed - indexed for MEDLINE] : Sanders KM, Ordog T, Koh SD, Toribashi S, Ward SM. Development and plasticity of interstitial cells of Cajal. Neurogastroenterol Motil. 1999 Oct;11(5):311-38. Review. Erratum Neurogastroenterol Motil 2001 Feb;13(1):109. PMID: 10520164 [PubMed - indexed for MEDLINE] : Gray JA, Hodges H, Sinden J. Prospects for the clinical application of neural transplant of conditionally immortalized neuroepithelial stem cells Philos Trans R Soc Lond B Biol Sci. 1999 Aug 29;354(1388):1407	Related Articles, Links Related Articles, Links in in: Related Articles, Links tation with the use

82: Briscoe J, Ericson J.



PMID: 9712299 [PubMed - indexed for MEDLINE]



	200	m I A d Substant 12.1
L 102	Brustle O, McKay RD.	Related Articles, Links
	Neuronal progenitors as tools for cell replacement in the Curr Opin Neurobiol. 1996 Oct;6(5):688-95. Review. PMID: 8937835 [PubMed - indexed for MEDLINE]	ne nervous system.
□ 103	Ernsberger U, Rohrer H.	Related Articles, Links
	The development of the noradrenergic transmitter pher postganglionic sympathetic neurons. Neurochem Res. 1996 Jul;21(7):823-9. Review. PMID: 8873087 [PubMed - indexed for MEDLINE]	notype in
□ 104	: Uchida K, Toya S.	Related Articles, Links
	Grafting of genetically manipulated cells into adult bragene therapy. Keio J Med. 1996 Jun;45(2):81-9. Review. PMID: 8683903 [PubMed - indexed for MEDLINE]	nin: toward graft-
□ 105	Whittemore SR, Snyder EY.	Related Articles, Links
	Physiological relevance and functional potential of cersystem-derived cell lines. Mol Neurobiol. 1996 Feb;12(1):13-38. Review. PMID: 8732538 [PubMed - indexed for MEDLINE]	ntral nervous
□ 106	Etcheberrigaray R. Payne JL, Alkon DL,	Related Articles, Links
	Soluble beta-amyloid induces Alzheimer's disease feat fibroblasts and in neuronal tissues. Life Sci. 1996;59(5-6):491-8. Review. PMID: 8761337 [PubMed - indexed for MEDLINE]	ures in human
□ 107	: Alvarez-Buylla A, Lois C.	Related Articles, Links
	Neuronal stem cells in the brain of adult vertebrates. Stem Cells. 1995 May;13(3):263-72. Review. PMID: 7613493 [PubMed - indexed for MEDLINE]	
□ 108	: Snyder EY, Macklis JD,	Related Articles, Links
	Multipotent neural progenitor or stem-like cells may b for therapy for some neurodegenerative conditions. Clin Neurosci. 1995-96;3(5):310-6. Review. PMID: 8914798 [PubMed - indexed for MEDLINE]	e uniquely suited
109	: Gage FH, Ray J, Fisher LJ.	Related Articles, Links
	Isolation, characterization, and use of stem cells from Annu Rev Neurosci. 1995;18:159-92. Review. PMID: 7605059 [PubMed - indexed for MEDLINE]	the CNS.
□ 110	: Nakai J. Fujita S.	Related Articles, Links
	Early events in the histo- and cytogenesis of the verteb Int J Dev Biol. 1994 Jun;38(2):175-83. Review. PMID: 7981027 [PubMed - indexed for MEDLINE]	orate CNS.
□111	Trojanowski JQ, Fung KM, Rorke LB, Tohyama T, Yachnis AT, Lee VM.	Related Articles, Links
	In vivo and in vitro models of medulloblastomas and oneuroectodermal brain tumors of childhood. Mol Chem Neuropathol. 1994 Feb-Apr;21(2-3):219-39. Review. PMID: 8086035 [PubMed - indexed for MEDLINE]	other primitive

112: Davies AM.

	The role of neurotrophins during successive stages of sensory neuron			
4.55.	development. Prog Growth Factor Res. 1994;5(3):263-89. Review.			
	PMID: 7888634 [PubMed - indexed for MEDLINE]			
□ 113	: Le Douarin NM, Ziller C.	Related Articles, Links		
	Plasticity in neural crest cell differentiation.			
	Curr Opin Cell Biol. 1993 Dec;5(6):1036-43. Review. PMID: 8129941 [PubMed - indexed for MEDLINE]			
□ 114	Persson H, Ibanez CF.	Related Articles, Links		
	Role and expression of neurotrophins and the trk fami	ly of tyrosine kinase		
	receptors in neural growth and rescue after injury.	,		
	Curr Opin Neurol Neurosurg. 1993 Feb;6(1):11-8. Review. PMID: 8428057 [PubMed - indexed for MEDLINE]			
□ 115	: Anderson DJ.	Related Articles, Links		
	Molecular control of cell fate in the neural crest: the s	·		
	lineage.	y in patinoa aronar		
	Annu Rev Neurosci. 1993;16:129-58. Review.			
	PMID: 8460888 [PubMed - indexed for MEDLINE]			
116	: Marusich MF.	Related Articles, Links		
	Differentiation of neurogenic precursors within the ne	ural crest cell		
L EM	lineage.			
	Brain Res Bull. 1993;30(3-4):257-63. Review. PMID: 8457874 [PubMed - indexed for MEDLINE]			
117	: Faissner A.	Related Articles, Links		
	Tenascin glycoproteins in neural pattern formation: fa	,		
	picture.	ous of a complex		
	Perspect Dev Neurobiol. 1993;1(3):155-64. Review. PMID: 7522115 [PubMed - indexed for MEDLINE]			
,	•			
1: 118	: Snyder EY.	Related Articles, Links		
12.2	ity in the developing			
<u> </u>	central nervous system. Semin Perinatol. 1992 Apr;16(2):106-21. Review. No abstract av	vailable.		
	PMID: 1636125 [PubMed - indexed for MEDLINE]			
119	• Fraser SE.	Related Articles, Links		
	Pattern formation in the vertebrate nervous system.			
(888)	Curr Opin Genet Dev. 1991 Aug;1(2):217-20. Review. PMID: 1822270 [PubMed - indexed for MEDLINE]			
F 120	Le Douarin N, Dulac C, Dupin E, Cameron-Curry P.	Related Articles, Links		
J: 120	•	related Minores, Links		
	Glial cell lineages in the neural crest. Glia. 1991;4(2):175-84. Review.			
	PMID: 1827777 [PubMed - indexed for MEDLINE]			
121	: Rakie P.	Related Articles, Links		
	Principles of neural cell migration.			
	Experientia. 1990 Sep 15;46(9):882-91. Review. PMID: 2209797 [PubMed - indexed for MEDLINE]			
****	-			
□ 122	Culp LA, Mugnai G, Lewandowska K, Vallen EA, Kosir MA, Hourniel KL.	Related Articles, Links		

Heparan sulfate proteoglycans of Ras-transformed 3T3 or neuroblastoma



cells. Differing functions in adhesion on fibronectin.

Ann N Y Acad Sci. 1989;556:194-216. Review. PMID: 2525358 [PubMed - indexed for MEDLINE]

Display Summary Show: 500 Sort Send to Text -

Items 1-122 of 122

One page.

Write to the Help Desk
NCBi | NLM | NIH
Department of Health & Human Services
Freedom of Information Act | Disclaimer

Jan 29 2004 15:06:34